

Leukaemia Section

Short Communication

t(12;19)(p13;p13)

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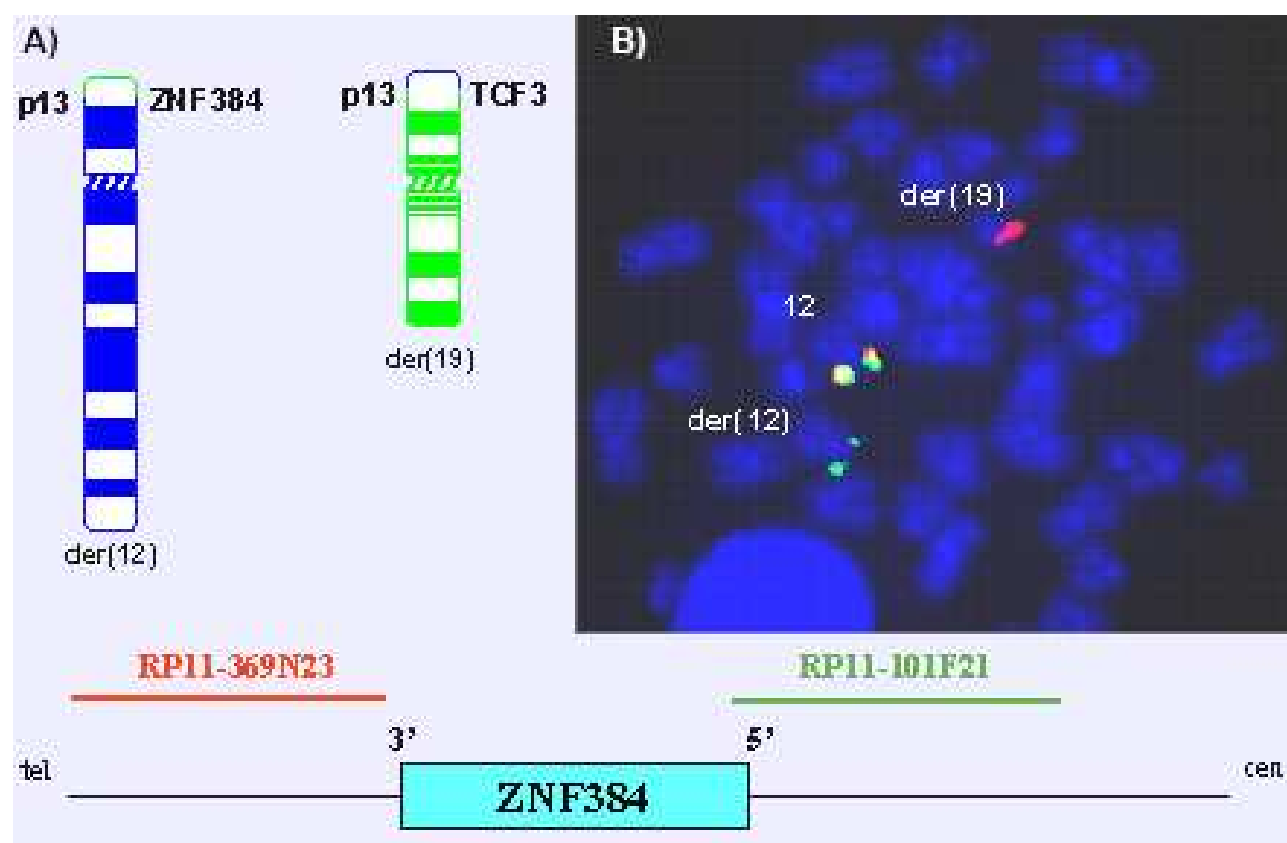
Published in Atlas Database: November 2007

Online updated version: <http://AtlasGeneticsOncology.org/Anomalies/t1219p13p13ID1460.html>

DOI: 10.4267/2042/38614

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Identity



A) Schematic representation of the reciprocal t(12;19)(p13;p13) translocation;

B) Break-a-part FISH: RP11-369N23 maps telomeric to the 3'ZNF384 while RP11-101F21 partially overlaps with the 5' end of ZNF384 (RP11 clones belong to the Peter De Jong library and were kindly provided by M Rocchi).

Clinics and pathology

Disease

Acute lymphoblastic leukemia.

Phenotype / cell stem origin

Pro-B acute lymphoblastic leukemia with expression of myeloid antigens.

Prognosis

Relatively good prognosis.

Cytogenetics

Cytogenetics morphological

The t(12;19)(p13;p13) is cryptic.

Genes involved and Proteins

ZNF384 (Zinc Finger protein 384)

Protein

Belongs to the Kruppel C2H2-type zinc-finger protein family; contains 8 C2H2-type zinc fingers. Nucleocytoplasmic shuttling protein and transcription factor.

E2A

Location: 19p13.3

Note: TCF3

Results of the chromosomal anomaly

Hybrid gene

Description

5' TCF3 - 3' ZNF384

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This article should be referenced as such:

Gorello P, La Starza R, Mecucci C. t(12;19)(p13;p13). *Atlas Genet Cytogenet Oncol Haematol*.2008;12(6):473-474.
